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(71) Applicant (for all designated States except US): **ELEMENT SIX (PTY) LTD** [ZA/ZA]; Debid Road, Nuffield, 1559 Springs (ZA).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PIPKIN, Noel, John** [GB/ZA]; 138/140 Pritchard Street, 2153 Johannesburg North (ZA).

(74) Agent: **HOOPER, Anthony, Robert, Llo**; Spoor and Fisher, P.O. Box 41312, 2024 Craighall (ZA).

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(54) Title: COATED DIAMOND PARTICLES

(57) Abstract: A method of producing coated diamond particles includes the steps of providing a combination of a transition metal selected from zirconium, hafnium, niobium and tantalum, an activation metal and uncoated diamond particles, and heat treating the combination in a non-oxidising atmosphere to cause the activation metal to bond to the diamond particles and the transition metal to form a carbide coating on the diamond particles.

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